

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
 Data File : VN053045.D
 Acq On : 20 Dec 2018 10:08
 Operator : MD\SY
 Sample : VN1220MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBL01

Quant Time: Dec 21 00:31:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1283552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1955415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1748811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	735541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	619870	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
35) Dibromofluoromethane	7.59	113	516999	57.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.76%	
50) Toluene-d8	10.09	98	2384420	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	795522	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

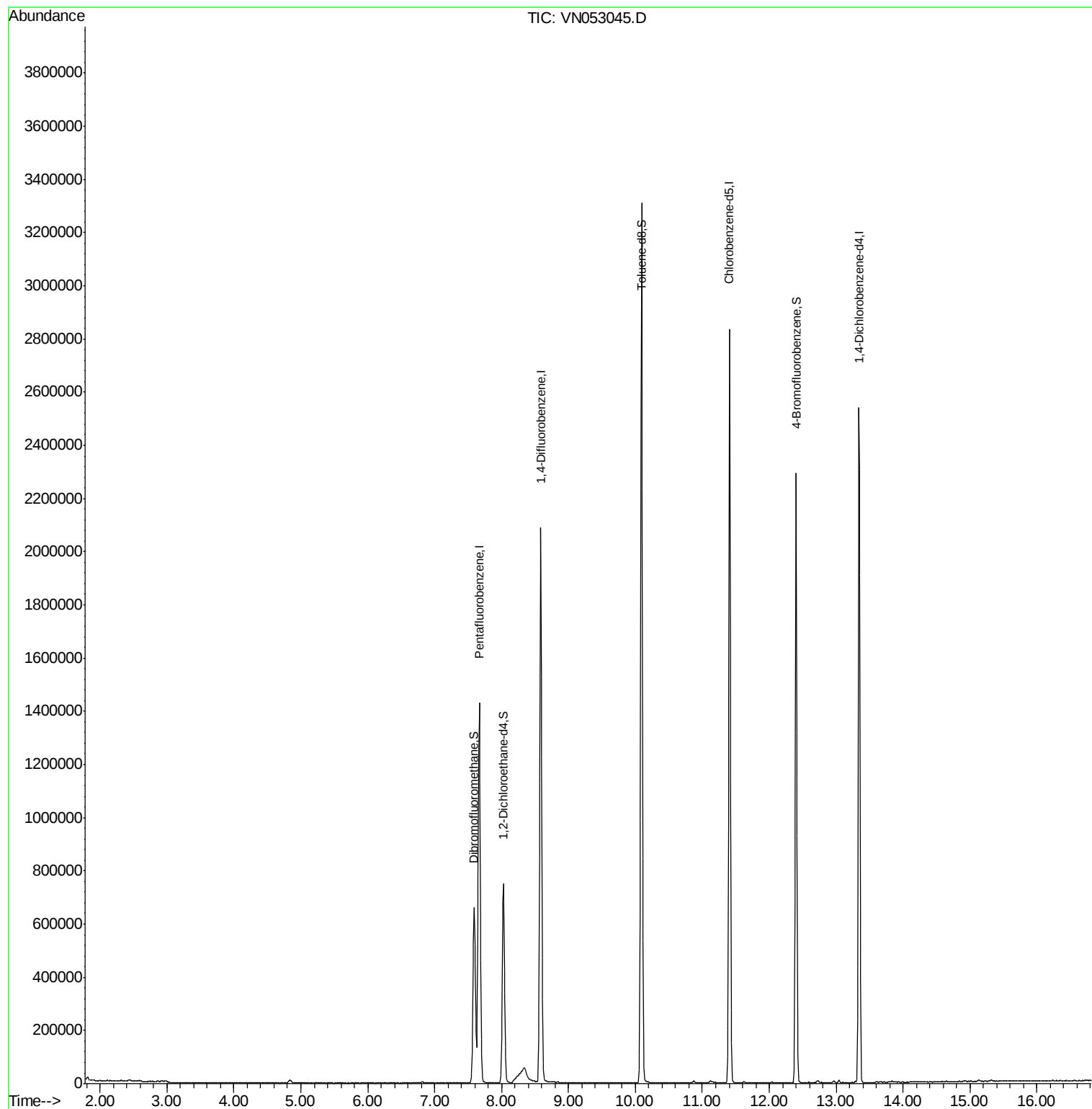
Target Compounds	Qvalue

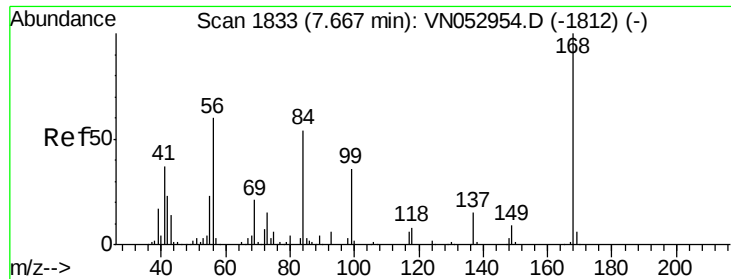
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053045.D

Acq: 20 Dec 2018 10:08

Instrument :

MSVOA_N

ClientSampleId :

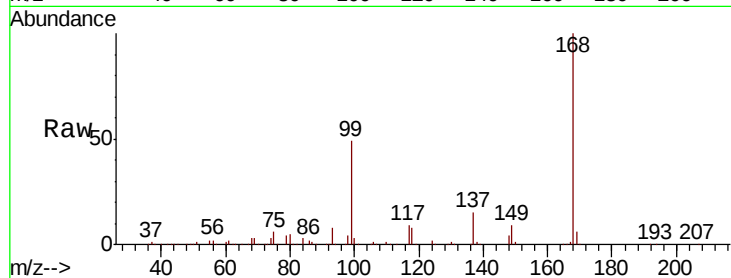
VN1220MBL01

Tot Ion:168 Resp: 1283552

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053045.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053045.D (-1740) (-)

7.67

600000

500000

400000

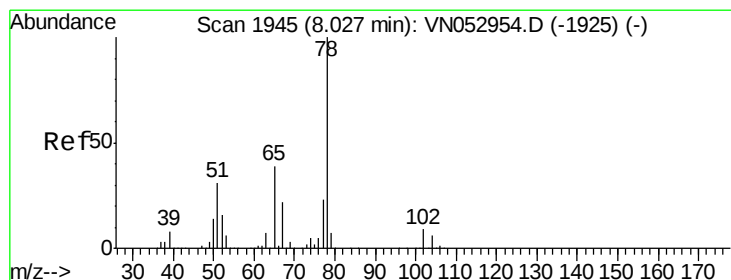
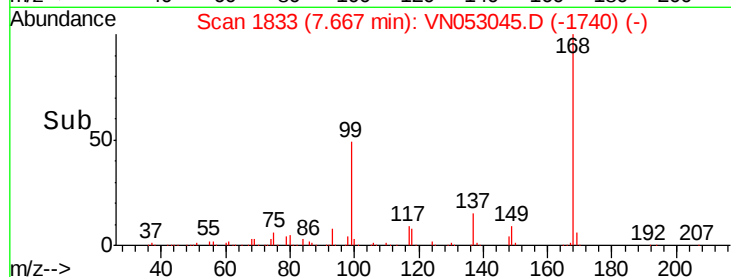
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053045.D

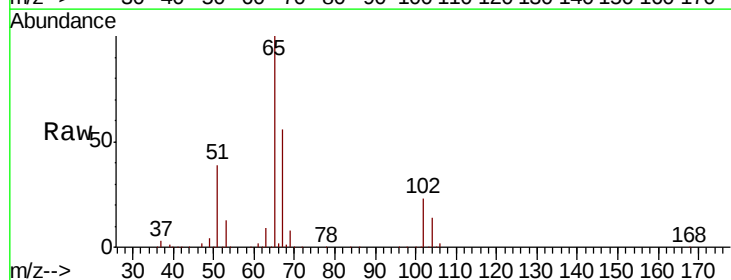
Acq: 20 Dec 2018 10:08

Tgt Ion: 65 Resp: 619870

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053045.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053045.D (-1852) (-)

8.03

300000

250000

200000

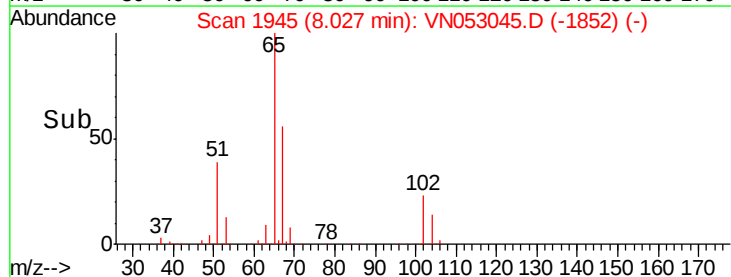
150000

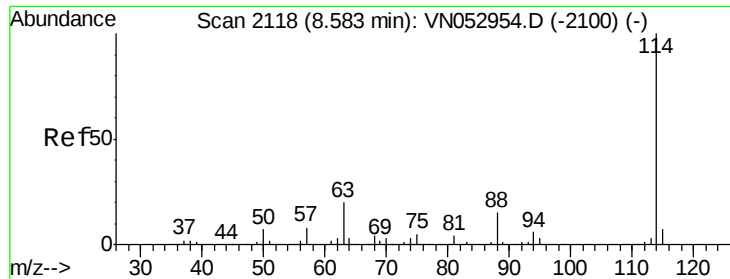
100000

50000

0

Time-->

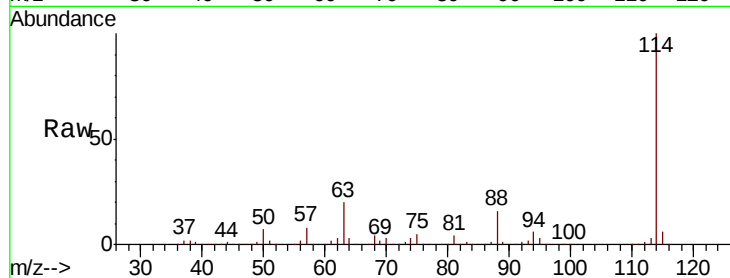




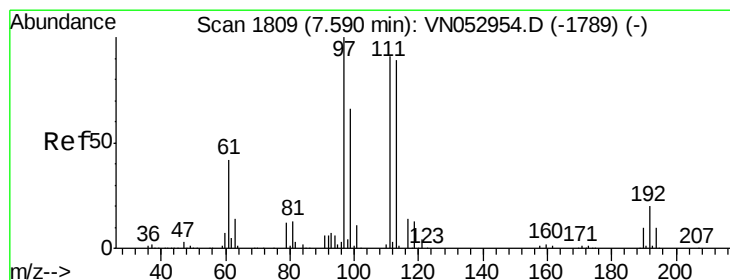
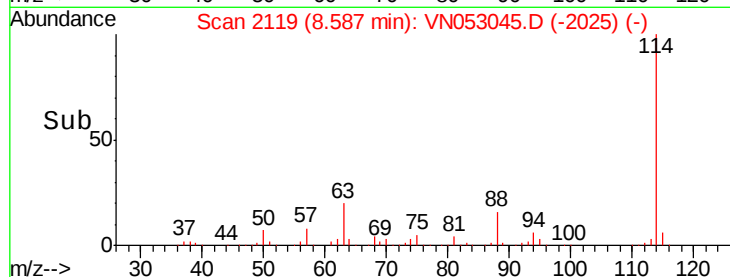
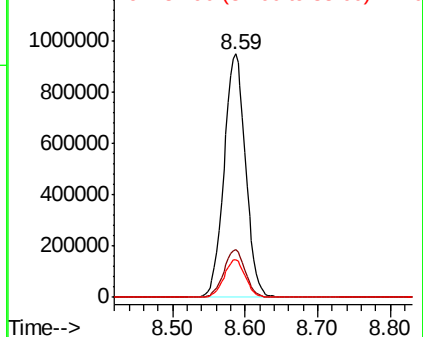
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053045.D
 Acq: 20 Dec 2018 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBL01

Tot Ion:114 Resp: 1955415
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.5 0.0 31.0

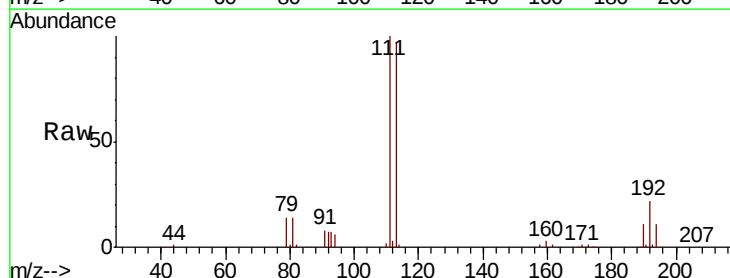


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

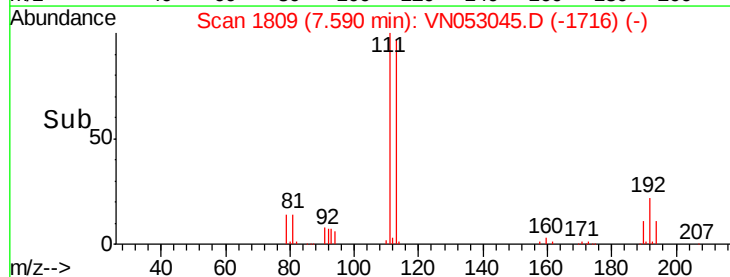
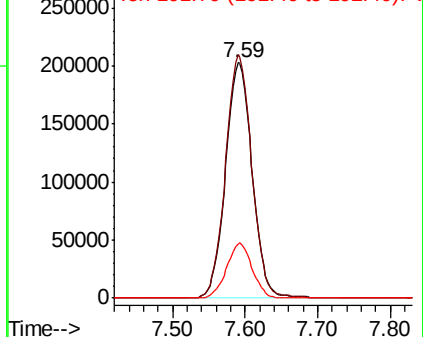


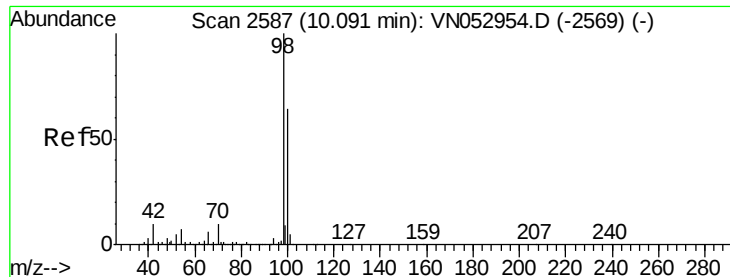
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053045.D
 Acq: 20 Dec 2018 10:08

Tgt Ion:113 Resp: 516999
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 22.5 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053045.D

Acq: 20 Dec 2018 10:08

Instrument :

MSVOA_N

ClientSampled :

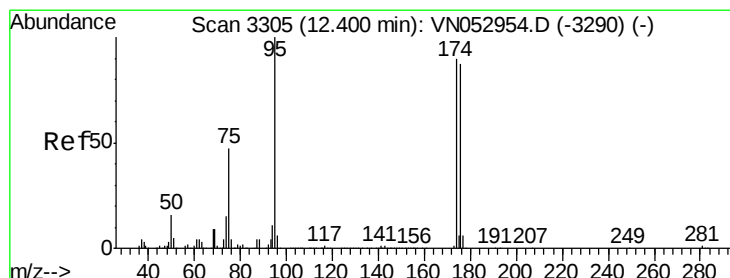
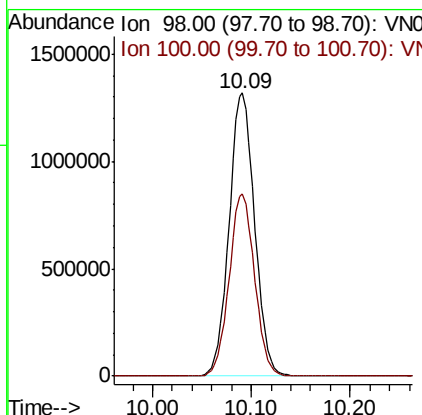
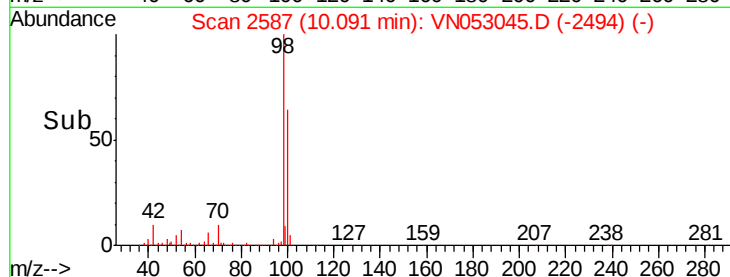
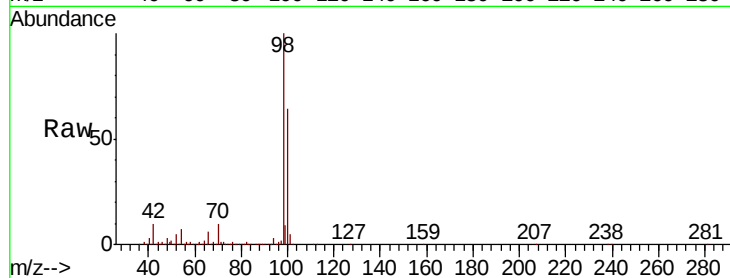
VN1220MBL01

Tot Ion: 98 Resp: 2384420

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053045.D

Acq: 20 Dec 2018 10:08

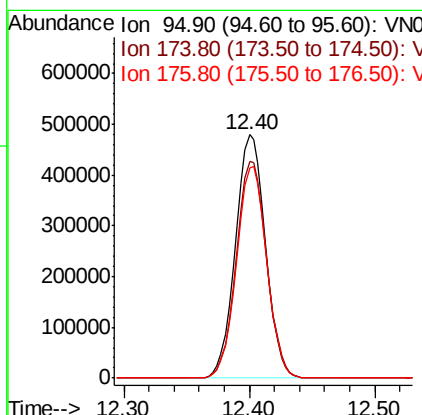
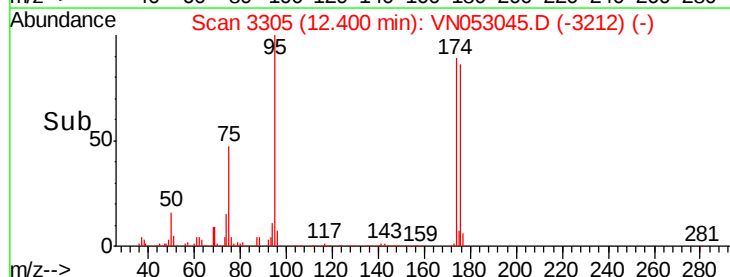
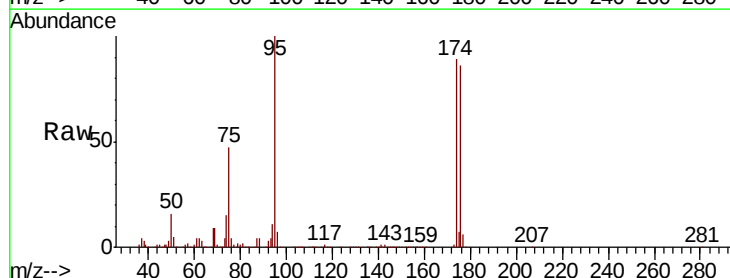
Tgt Ion: 95 Resp: 795522

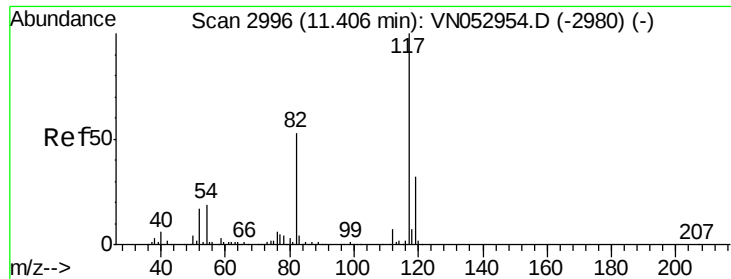
Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.8

176 87.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053045.D

Acq: 20 Dec 2018 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN1220MBL01

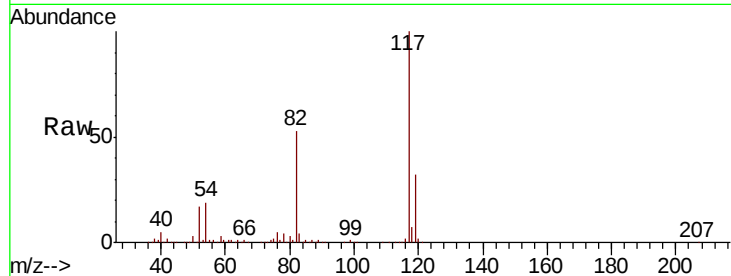
Tot Ion:117 Resp: 1748811

Ion Ratio Lower Upper

117 100

82 53.0 42.8 64.2

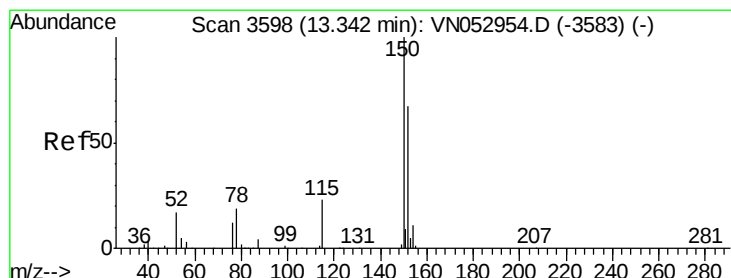
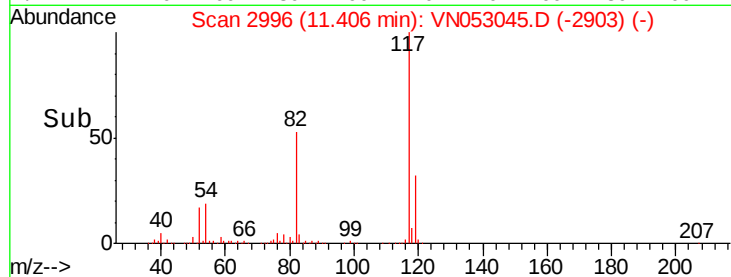
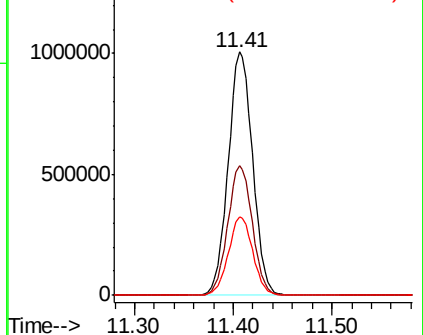
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053045.D

Acq: 20 Dec 2018 10:08

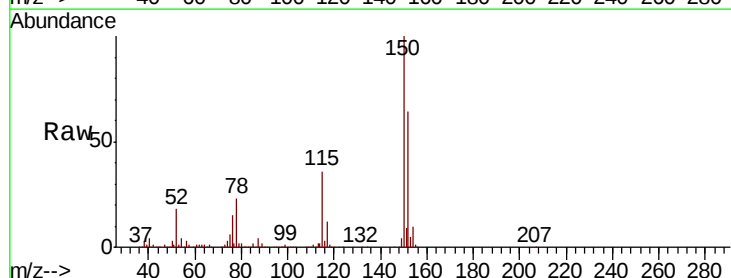
Tgt Ion:152 Resp: 735541

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

150 156.9 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

